

**Box No. VIII (iv) DECLARATION: INVENTORSHIP** (only for the purposes of the designation of the United States of America)  
*This declaration must conform to the following standardized working provided for in Section 214; see Notes to Boxes Nos. VIII, VIII (i) to (v) (in general) and the specific Notes to Box No. VIII (iv). If this Box is not used, this sheet should not be included in the request.*

**Declaration of inventorship (Rules 4.17(iv) and 51bis. 1(a)(iv))**  
**for the purposes of the designation of the United States of America:**

I hereby declare that I believe I am the original, first and sole (if only one inventor is listed below) or joint (if more than one inventor is listed below) inventor of the subject matter which is claimed and for which a patent is sought.

This declaration is directed to the international application of which it forms a part (if filing declaration with application).

This declaration is directed to international application No. PCT/GB03/002864 (if furnishing declaration pursuant to Rule 26ter).

I hereby declare that my residence, mailing address, and citizenship are as stated next to my name.

I hereby state that I have reviewed and understand the contents of the above-identified international application, including the claims of said application. I have identified in the request of said application, in compliance with PCT Rule 4.10, any claim to foreign priority, and I have identified below, under the heading "Prior Applications," by application number, country or Member of the World Trade Organization, day, month and year of filing, any application for patent or inventor's certificate filed in a country other than the United States of America, including any PCT international application designating at least one country other than the United States of America, having a filing date before that of the application on which foreign priority is claimed.

Prior Applications: US 60/393,121 filed 3 July 2002; GB 0215383.1 filed 3 July 2002;  
GB 0226149.3 filed 8 November 2002

I hereby acknowledge the duty to disclose information that is known by me to be material to patentability as defined by 37 C.F.R. § 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the PCT international filing date of the continuation-in-part application.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name: Murray, Christopher William  
Residence: Cambridge, United Kingdom GBX  
(city and either US state, if applicable, or country)

Mailing Address: Astex Technology Limited, 436 Cambridge Science Park, Milton Road,  
Cambridge, CB4 0QA, United Kingdom

Citizenship: United Kingdom

Inventor's Signature: [Signature] Date: 22/9/03  
(if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)  
(of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)

Name: Hartshorn, Michael John  
Residence: Cambridge, United Kingdom GBX  
(city and either US state, if applicable, or country)

Mailing Address: Astex Technology Limited, 436 Cambridge Science Park, Milton Road,  
Cambridge, CB4 0QA, United Kingdom

Citizenship: United Kingdom

Inventor's Signature: [Signature] Date: 22/9/03  
(if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)  
(of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)

☒ This declaration is continued on the following sheet, "Continuation of Box No. VIII (iv)".

of the Box in which the space was insufficient. If additional space is needed in respect of two or more declarations, a separate continuation box must be used for each such declaration. If this Box is not used, this sheet should not be included in the request.

### Continuation of Box No. VIII (iv) DECLARATION OF INVENTORSHIP

(only for the purposes of the designation of the United States of America)

Name: Frederickson, Martyn

Residence: Cambridge, United Kingdom  
(city and either US state, if applicable, or country)

Mailing Address: Astex Technology Limited, 436 Cambridge Science Park, Milton Road,  
Cambridge, CB4 0QA, United Kingdom

Citizenship: United Kingdom

Inventor's Signature: .....  
(if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)

Date: .....  
(of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)

Name: Congreve, Miles Stuart

Residence: Cambridge, United Kingdom  
(city and either US state, if applicable, or country)

Mailing Address: Astex Technology Limited, 436 Cambridge Science Park, Milton Road,  
Cambridge, CB4 0QA, United Kingdom

Citizenship: United Kingdom

Inventor's Signature: .....  
(if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)

Date: .....  
(of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)

Name: Padova, Alessandro

Residence: Rome, Italy.  
(city and either US state, if applicable, or country)

Mailing Address: Viale Don Pasquino Borghi 150, 00144, Rome, Italy.

Citizenship: Italian

Inventor's Signature: *Alessandro Padova* .....  
(if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)

Date: *3/9/2003* .....  
(of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)

Name: Woodhead, Steven John

Residence: Cambridge, United Kingdom  
(city and either US state, if applicable, or country)

Mailing Address: Astex Technology Limited, 436 Cambridge Science Park, Milton Road,  
Cambridge, CB4 0QA, United Kingdom

Citizenship: United Kingdom

Inventor's Signature: .....  
(if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)

Date: .....  
(of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)

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of the Box in which the space was insufficient. If additional space is needed in respect of two or more declarations, a separate continuation box must be used for each such declaration. If this Box is not used, this sheet should not be included in the request

**Continuation of Box No. VIII (iv) DECLARATION OF INVENTORSHIP**

(only for the purposes of the designation of the United States of America)

Name: Frederickson, Martyn

Residence: Cambridge, United Kingdom GBX  
(city and either US state, if applicable, or country)

Mailing Address: Astex Technology Limited, 436 Cambridge Science Park, Milton Road,  
Cambridge, CB4 0QA, United Kingdom

Citizenship: United Kingdom

Inventor's Signature: M. Frederickson  
(if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)

Date: 29/08/2003  
(of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)

Name: Congreve, Miles Stuart

Residence: Cambridge, United Kingdom GBX  
(city and either US state, if applicable, or country)

Mailing Address: Astex Technology Limited, 436 Cambridge Science Park, Milton Road,  
Cambridge, CB4 0QA, United Kingdom

Citizenship: United Kingdom

Inventor's Signature: M. Congreve  
(if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)

Date: 29 Aug 03  
(of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)

Name: Padova, Alessandro

Residence: Roma, Italy ITX  
(city and either US state, if applicable, or country)

Mailing Address: Viale Don Pasquino Borghi 150, 00144, Roma, Italy.

Citizenship: Italian

Inventor's Signature: .....  
(if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)

Date: .....  
(of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)

Name: Woodhead, Steven John

Residence: Cambridge, United Kingdom GBX  
(city and either US state, if applicable, or country)

Mailing Address: Astex Technology Limited, 436 Cambridge Science Park, Milton Road,  
Cambridge, CB4 0QA, United Kingdom

Citizenship: United Kingdom

Inventor's Signature: S. Woodhead  
(if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)

Date: 26/08/03  
(of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)

**Continuation of Box No. VIII (i) to (v) DECLARATION**

If the space is insufficient in any of Boxes Nos. VII (i) to (v) to furnish all the information, including in the case where more than two inventors are to be named in Box No. VIII (iv), in such case, write "Continuation of Box No. VIII..." (indicate the item number of the Box) and furnish the information in the same manner as required for the purposes of the Box in which the space was insufficient. If additional space is needed in respect of two or more declarations, a separate continuation box must be used for each such declaration. If this Box is not used, this sheet should not be included in the request.

**Continuation of Box No. VIII (iv) DECLARATION OF INVENTORSHIP**

(only for the purposes of the designation of the United States of America)

Name: Gill, Adrian, LiamResidence: Cambridge, United Kingdom GBX  
(city and either US state, if applicable, or country)Mailing Address: Astex Technology Limited, 436 Cambridge Science Park, Milton Road,  
Cambridge, CB4 0QA, United KingdomCitizenship: United KingdomInventor's Signature: [Signature]  
(if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)Date: 02/09/03  
(of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)Name: Woodhead, Andrew JamesResidence: Cambridge, United Kingdom GBX  
(city and either US state, if applicable, or country)Mailing Address: Astex Technology Limited, 436 Cambridge Science Park, Milton Road,  
Cambridge, CB4 0QA, United KingdomCitizenship: United KingdomInventor's Signature: [Signature]  
(if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)Date: 2/9/03  
(of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)**BEST AVAILABLE COPY**

**POWER OF ATTORNEY  
 and  
 CORRESPONDENCE ADDRESS  
 INDICATION FORM**

Application Number	PCT/GB2003/002864
Filing Date	January 3, 2005
First Named Inventor	Murray, Christopher
Title	3-' (Hetero) Aryl....
Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	620-354

I hereby appoint:

☒ Practitioners associated with the Customer Number:

23117

OR

☐ Practitioner(s) named below:

Name	Registration Number

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please recognize or change the correspondence address for the above-identified application to:

☐ The address associated with the above-mentioned Customer Number:

OR

☐ The address associated with Customer Number:

☐ Firm or Individual Name

Address

Address

City

State

Zip

Country

Telephone

Fax

I am the:

☐ Applicant/Inventor.

☒ Assignee of record of the entire interest. See 37 CFR 3.71.  
 Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)

SIGNATURE of Applicant or Assignee of Record

Signature	<i>Timothy J. Haines</i>	Date	7/02/05
Name	TIMOTHY J HAINES	Telephone	01273 226200
Title and Company	CHIEF EXECUTIVE		

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

☒ \*Total of 2 forms are submitted.

This collection of information is required by 37 CFR 1.31 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: ASTEX TECHNOLOGY LIMITEDApplication No./Patent No.: U.S. National Phase of PCT/GB2003/002864 Filed/Issue Date: January 3, 2005Entitled: 3-' (HETERO) ARYLMETHOXY! PYRIDINES AND THEIR ANALOGUES AS P38 MAP KINASE INHIBITORSASTEX TECHNOLOGY LIMITED, a CORPORATION

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.  
The extent (by percentage) of its ownership interest is \_\_\_\_\_%

in the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.☐ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

T.T. HAINES  
Signature

7/02/05  
Date

TIMOTHY J HAINES  
Printed or Typed Name

01223 226200  
Telephone Number

CHIEF EXECUTIVE  
Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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**ASSIGNMENT OF INVENTION  
AND INTELLECTUAL PROPERTY RIGHTS RELATING THERETO**

**Parties:****1 'The Assignors'**

CHRISTOPHER WILLIAM MURRAY  
of 436 Cambridge Science Park, Milton Road, Cambridge CB4 0QA, United Kingdom

MICHAEL JOHN HARTSHORN  
of 436 Cambridge Science Park, Milton Road, Cambridge CB4 0QA, United Kingdom

MARTYN FREDERICKSON  
of 436 Cambridge Science Park, Milton Road, Cambridge CB4 0QA, United Kingdom

MILES STUART CONGREVE  
of 436 Cambridge Science Park, Milton Road, Cambridge CB4 0QA, United Kingdom

STEVEN JOHN WOODHEAD  
of 436 Cambridge Science Park, Milton Road, Cambridge CB4 0QA, United Kingdom

ADRIAN LIAM GILL  
of 436 Cambridge Science Park, Milton Road, Cambridge CB4 0QA, United Kingdom

ANDREW JAMES WOODHEAD  
of 436 Cambridge Science Park, Milton Road, Cambridge CB4 0QA, United Kingdom

**2 'The Assignee'      ASTEX TECHNOLOGY LIMITED**

of 436 Cambridge Science Park, Milton Road, Cambridge CB4 0QA, United Kingdom

**Recitals:**

(A) The Assignors are the joint inventors with Alessandro Padova of the invention or inventions entitled INHIBITORS ("the Invention") for which International PCT Application No. PCT/GB03/002864 has been filed ("the PCT Application"),

(B) In pursuance of an agreement made between the parties before the PCT Application was filed the Assignors have agreed to assign to the Assignee for the consideration hereinafter mentioned all his rights title and interest in to and under the Invention, the PCT Application and the Priority Applications for all countries designated therein

**Operative provisions:**

In consideration for the payment of £1.00 and other valuable consideration by the Assignee to the Assignors the receipt and sufficiency of which is hereby acknowledged by the Assignors:

1 The Assignors and each of them hereby sell and assign to the Assignee absolutely and free from incumbrances:

1.1 all of their respective rights title and interest in all countries of the world to and under the Invention and the PCT Application and all national and regional phases thereof and any and all divisionals, continuations and continuations-in-part of any of the aforesaid applications and any and all patents that may be granted pursuant thereto for the full period thereof including any re-issues, re-examinations, renewals, extensions and Supplementary Protection Certificates and including all rights and powers arising or accrued therefrom including the right to sue for damages and other remedies in respect of any infringement of any such rights before on or after the date hereof and to retain any damages obtained as a result of such action;

1.2 all such rights as they may have to apply for prosecute and obtain patents and other intellectual property protection anywhere in the world in respect of the Invention to the intent that the grant of any patents or other intellectual property protection for the Invention shall be in the name of and shall vest in the Assignee or its successors or assigns;

1.3 all such rights as they may have to claim priority from all patent applications (if any) from which priority is claimed in the PCT Application in any and all applications for patent protection for the Invention, such rights to be enjoyed by the Assignee with effect from the date of filing of the PCT Application;

to the intent that the Assignee shall have and hold the rights title and interest hereby assigned as fully and entirely as the same would have been held and enjoyed by the Assignors had this assignment not been made.

2 The Assignors and each of them hereby UNDERTAKE that at the request and cost of the Assignee or its successors or assigns they will at all times hereafter promptly do all such acts and execute all such documents (including but not limited to documents required to be signed by or on behalf of inventors in the course of any and all Canadian and United States patent applications which relate to the Invention and any and all divisionals, continuations and continuations-in-part of any such applications) as may be reasonably necessary or desirable to secure the vesting in the Assignee or its successors or assigns of all rights title and interest assigned to the Assignee hereunder and to confirm the title of the Assignee or its successors or assigns to all such rights title and interest and to assist in the resolution of any question concerning the Invention or any application for patent or other intellectual property protection for the Invention or any intellectual property protection granted pursuant to any such application.

3 The Assignors hereby request the relevant authorities in all countries of the world to issue any patents granted for the Invention in the name of the Assignee or its successors or assigns in accordance with this assignment.

4 This assignment and undertaking shall be binding upon the Assignors' heirs, executors, administrators, successors and/or assigns and shall enure to the benefit of any heirs, executors, administrators, successors and/or assigns of the Assignee.

IN WITNESS WHEREOF the parties have executed this assignment.

**BEST AVAILABLE COPY**



**COPY**

SIGNED by CHRISTOPHER WILLIAM MURRAY)

on: 2nd September 2003

)

Signature: 

in the presence of: (Witness)

)


CHRISTOPHER WILLIAM MURRAY

Signature: Name: JEFF YARNAddress: 106x Technology  
436 Cambridge Science Park

SIGNED by MICHAEL JOHN HARTSHORN )

on: 29 Aug 2003

)

Signature: 

in the presence of: (Witness)

)

MICHAEL JOHN HARTSHORN


Signature: Name: PAUL WATSON

Address:

SIGNED by MARTYN FREDERICKSON )

on: 29/09/2003

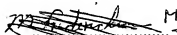
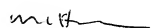
)

Signature: 

in the presence of: (Witness)

)

MARTYN FREDERICKSON

Signature: ~~~~ M.F. Name: MICHAEL JOHN HARTSHORNAddress: 50 MILGATE CLOSE  
CAMBRIDGE  
UK

SIGNED by MILES STUART CONGREVE )

on: 29 Aug 03

)

Signature: 

in the presence of: (Witness)

)

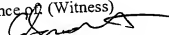
MILES STUART CONGREVE

Signature: Name: GIANNI CHESARIAddress: 436 Cambridge Science Park  
Milton Road  
Cambridge  
CB4 0QA**BEST AVAILABLE COPY**

SIGNED by STEVEN JOHN WOODHEAD )

on: 26/08/03 )

in the presence of (Witness) )

Signature:  )

Name: DR. G. SEXTY

Address: 139 SCHOOL LANE  
CAMBOURNE  
CAMBRIDGE  
CB3 6DRSignature:  )

STEVEN JOHN WOODHEAD

SIGNED by ADRIAN LIAM GILL )

on: 02/09/03 )

in the presence of: (Witness) )

Signature:  )

Name: JEREMY CALMICHAEL

Address: 436 CAMBRIDGE ST. PK.  
MILTON RD  
CB4 0QASignature:  )

ADRIAN LIAM GILL

SIGNED by ANDREW JAMES WOODHEAD )

on: 2/9/03 )

in the presence of: (Witness) )

Signature:  )

Name: JEREMY CALMICHAEL

Address: 436 CAMBRIDGE ST. PARK  
MILTON ROAD  
CB4 0QASignature:  )


ANDREW JAMES WOODHEAD

SIGNED for and on behalf of )

ASTEX TECHNOLOGY LIMITED )

on: 29/9/03 )

in the presence of: (Witness) )

Signature:  )

Name: LYNN LEPPER

Address: 436 Cambridge Street  
Milton Rd  
Cambridge  
CB4 0QASignature:  )

Name: H. J. H. T. I.

Position: CSO

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# ASSIGNMENT OF INVENTION AND INTELLECTUAL PROPERTY RIGHTS RELATING THERETO

## Parties:

- 1 'The Assignor' ALESSANDRO PADOVA  
of Viale Don Pasquino Bisleri 150 00144 Roma Italy
- 2 'The Assignee' ASTEX TECHNOLOGY LIMITED  
of 436 Cambridge Science Park, Milton Road, Cambridge CB4 0QA, United Kingdom

## Recitals:

(A) The Assignor is a joint inventor of the invention or inventions entitled INHIBITORS ("the Invention") for which International PCT Application No. PCT/GB03/002864 has been filed ("the PCT Application").

(B) In pursuance of an agreement made between the parties before the PCT Application was filed the Assignor has agreed to assign to the Assignee for the consideration hereinafter mentioned all his rights title and interest in to and under the Invention, the PCT Application and the Priority Applications for all countries designated therein

## Operative provisions:

In consideration for the payment of £1.00 and other valuable consideration by the Assignee to the Assignor the receipt and sufficiency of which is hereby acknowledged by the Assignor:

1 The Assignor hereby sells and assigns to the Assignee absolutely and free from incumbrances:

1.1 all his rights title and interest in all countries of the world to and under the Invention and the PCT Application and all national and regional phases thereof and any and all divisionals, continuations and continuations-in-part of any of the aforesaid applications and any and all patents that may be granted pursuant thereto for the full period thereof including any re-issues, re-examinations, renewals, extensions and Supplementary Protection Certificates and including all rights and powers arising or accrued therefrom including the right to sue for damages and other remedies in respect of any infringement of any such rights before on or after the date hereof and to retain any damages obtained as a result of such action;

1.2 all such rights as he may have to apply for prosecute and obtain patents and other intellectual property protection anywhere in the world in respect of the Invention to the intent that the grant of any patents or other intellectual property protection for the Invention shall be in the name of and shall vest in the Assignee or its successors or assigns;

1.3 all such rights as he may have to claim priority from all patent applications (if any) from which priority is claimed in the PCT Application in any and all applications for patent protection for the Invention, such rights to be enjoyed by the Assignee with effect from the date of filing of the PCT Application;

to the intent that the Assignee shall have and hold the rights title and interest hereby assigned as fully and entirely as the same would have been held and enjoyed by the Assignor had this assignment not been made.

2 The Assignor hereby UNDERTAKES that at the request and cost of the Assignee or its successors or assigns he will at all times hereafter promptly do all such acts and execute all such documents (including but not limited to documents required to be signed by or on behalf of inventors in the course of any and all Canadian and United States patent applications which relate to the Invention and any and all divisionals, continuations and continuations-in-part of any such applications) as may be reasonably necessary or desirable to secure the vesting in the Assignee or its successors or assigns of all rights title and interest assigned to the Assignee hereunder and to confirm the title of the Assignee or its successors or assigns to all such rights title and interest and to assist in the resolution of any question concerning the Invention or any application for patent or other intellectual property protection for the Invention or any intellectual property protection granted pursuant to any such application.

3 The Assignor hereby requests the relevant authorities in all countries of the world to issue any patents granted for the Invention in the name of the Assignee or its successors or assigns in accordance with this assignment.

4 This assignment and undertaking shall be binding upon the Assignor's heirs, executors, administrators, successors and/or assigns and shall enure to the benefit of any heirs, executors, administrators, successors and/or assigns of the Assignee.

5.

IN WITNESS WHEREOF the parties have executed this assignment.

SIGNED by ALESSANDRO PADOVA )

on: 3.9.03 )

Signature: *Alessandro Padova*

ALESSANDRO PADOVA

in the presence of: (Witness) )

Signature: *Sabina Catanzorchi*

Name: SABINA CATANZORCHI

Address: VIA PEREGO, 60 - 00144 ROMA - ITALY

SIGNED for and on behalf of )

ASTEX TECHNOLOGY LIMITED )

on: 25.11.04 )

Signature: *T.J. Hawker*

in the presence of: (Witness) )

Name: T.J. HAWKER

Signature: *LYN LEAPER* )

Position: CEO

Name: LYN LEAPER

Address: Millstone  
Pymoor Ln  
Cumbria  
CB6 2EF

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